Capital Program Committee
FY20 Q2 Capital Spending Update

February 2020

FY20 Q2 Capital Program Overview

- MassDOT FY20 Approved CIP vs Total Annual Projections by Division
  - Division Updates
- FY20 Bond Cap YTD Performance
- MassDOT FY20 Approved CIP vs Spend (Budget vs Actuals) through Q2 and historical Q2 trends
- FY20 Highway Projections
- Municipal Partnership Programs/Local Aid
- Questions

MassDOT Divisional Capital Spending for All Funding Sources

FY20 CIP vs Annual Projections

- With a commitment from all divisions in executing the Fiscal Year capital plan, MassDOT continues to deliver a safe and reliable transportation system and improve conditions of existing or newly acquired assets while enhancing economic development and quality of life for the residents and businesses of the Commonwealth.

- For FY20, capital spending for MassDOT divisions (excluding MBTA) is forecasted to spend 99% of the approved target budgets within the FY20 Capital Investment Plan (CIP)

MASSDOT DIVISIONS	FY20 BUDGET	PROJECTIONS	PROJECTIONS vs CIP %
Aeronautics	49,616,842	49,600,000	100%
Chapter 90	200,000,000	220,000,000	110%
Facilities	2,600,000	2,400,000	92%
Fiscal	118,597,394	115,000,000	97%
Highway	1,276,649,635	1,243,140,740	97%
Information Technology	21,000,000	20,000,000	95%
OTP	80,030,109	80,000,000	100%
Rail	66,900,110	65,000,000	97%
RMV/ATLAS	31,575,000	29,575,000	94%
Security	3,500,000	3,000,000	86%
Transit	30,650,077	30,600,000	100%
TOTAL	**1,881,119,166**	**1,858,315,740**	**99%**

MassDOT Capital Spending for All Funding Sources

FY20 CIP vs Annual Projections

- **Aeronautics** will continue to meet its targeted investment goals that include airport safety and security across the Commonwealth with a continued focus on extending the useful life of pavement and increasing economic development. As is the trend in this Division, Q4 will show heaviest spending.

- **Office of Transportation Planning (OTP)** includes spending for statewide transportation projects, Metropolitan Planning Organizations, interagency agreements, security, facilities and shared services related to capital. The forecast calls for full spend of its capital plan. Spending reflects work on studies related to Bike/Pedestrian Plans, Climate Adaptability, Bus Network Redesign, Lynn Transit Action Plan, East-West Passenger Rail Study, Commuter Rail Vision Study, South Station Expansion and Tower 1 Early Action Project, Safe Routes to School, Green Line Study, Air Rights projects, Allston Multi-Modal Program, among others.

- **MassPort (Boston Harbor Dredging)** is a Commonwealth pass through project, has fully expended its $40 million FY20 obligation to assist with increasing the depth of Boston Harbor to 50' to allow for increased commercial shipping and container traffic as well as improvements to Conley Terminal thus expanding economic growth across the entire region.

- **Information Technology (IT)** is on track to meet its targeted goals of investments in providing customer digital experience, workforce productivity, cyber security and technology improvements. The IT division continues to focus on efficiencies in how we do business, process improvements and investments that generate operational savings and hopes to spend 100% of its Bond Cap

MassDOT Capital Spending for All Funding Sources

- **Rail Division** projects to invest 100% of the CIP sources into rail infrastructure improvements, grade crossings, bridges, Industrial Rail Access Program and Track/Right of Way modernization to produce positive results to the state's transportation network through improved connectivity and greenhouse gas reduction.
    - **South Coast Rail** – ***project has been transferred back to the MBTA*** to fully meet the existing and to enhance regional mobility to New Bedford/ Fall River while supporting smart growth planning and development strategies in the affected communities. With the exception of some residual work in the Rail Division (culverts, etc.), the contract is being managed at the T.
- **Transit Division** as in previous years, will spend 100% of its capital assets, as it continues to focus on vehicle maintenance/replacement which brings buses into a state of good repair ensuring safety and providing commuters with efficient modes of transport. Its focus also includes facility maintenance and the Mobility Assistance Program which enables greater mobility and connectivity for seniors and disabled persons across the Commonwealth.
- **Registry of Motor Vehicles (RMV)** has recently identified capital needs and projects to spend 100% of the capital plan for renovations and upgrades at various RMV locations across the Commonwealth.
- **ATLAS** program continues to fund software licenses, implementation services, business support and technical infrastructure related to the recent implementation of new processing system for RMV which has resulted in better data analytics and reduced wait times.

FY20 BOND CAP YTD

FY20
BOND CAP

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FY20 Bond Cap YTD Performance and Annual Projections

- For FY20, Bond Cap spending for MassDOT divisions (excluding MBTA) is projected to spend 100% of the FY20 CIP following trends of previous years. We continue to monitor projections as they measure against the annual cap.

  *Excess funds available due to ANF request to accelerate $1.12m in IRP in FY19; however, after most recent discussions with **RMV**, there will be further capital needs in Q3 and Q4.

FY20 BOND CAP YTD PERFORMANCE AND ANNUAL PROJECTIONS

MASSDOT DIVISION	CIP	Q2 SPEND (1-6)	PROJECTIONS	TOTAL	FY20 CIP vs Projections %	
Aeronautics	13,373,996	2,290,553	11,083,443	**13,373,996**	100%	
Facilities	2,600,000	164,643	2,235,357	**2,400,000**	92%	
Massport	40,000,000	40,000,000	-	**40,000,000**	100%	
Highway	463,181,098	203,444,822	267,674,953	**471,119,775**	102%	
Chapter 90	200,000,000	82,216,637	117,783,363	**200,000,000**	100%	
Information Technology	21,000,000	3,743,282	17,256,718	**19,300,000**	92%	
OTP	13,047,298	2,690,284	10,357,014	**12,500,000**	96%	
Rail	61,000,110	16,286,461	44,713,649	**61,000,110**	100%	
RMV	4,375,000	269,214	4,105,786	**2,375,000**	54%	*
ATLAS	27,200,000	12,464,070	14,735,930	**27,200,000**	100%	
Security	3,500,000	393,290	2,606,710	**3,000,000**	86%	
Transit	23,034,499	930,618	22,103,881	**23,034,499**	100%	
Grand Total (excludes MBTA)	**872,312,001**	**364,893,874**	**514,656,804**	**875,303,380**	**100%**	

MassDOT Capital Spending Historical Comparisons

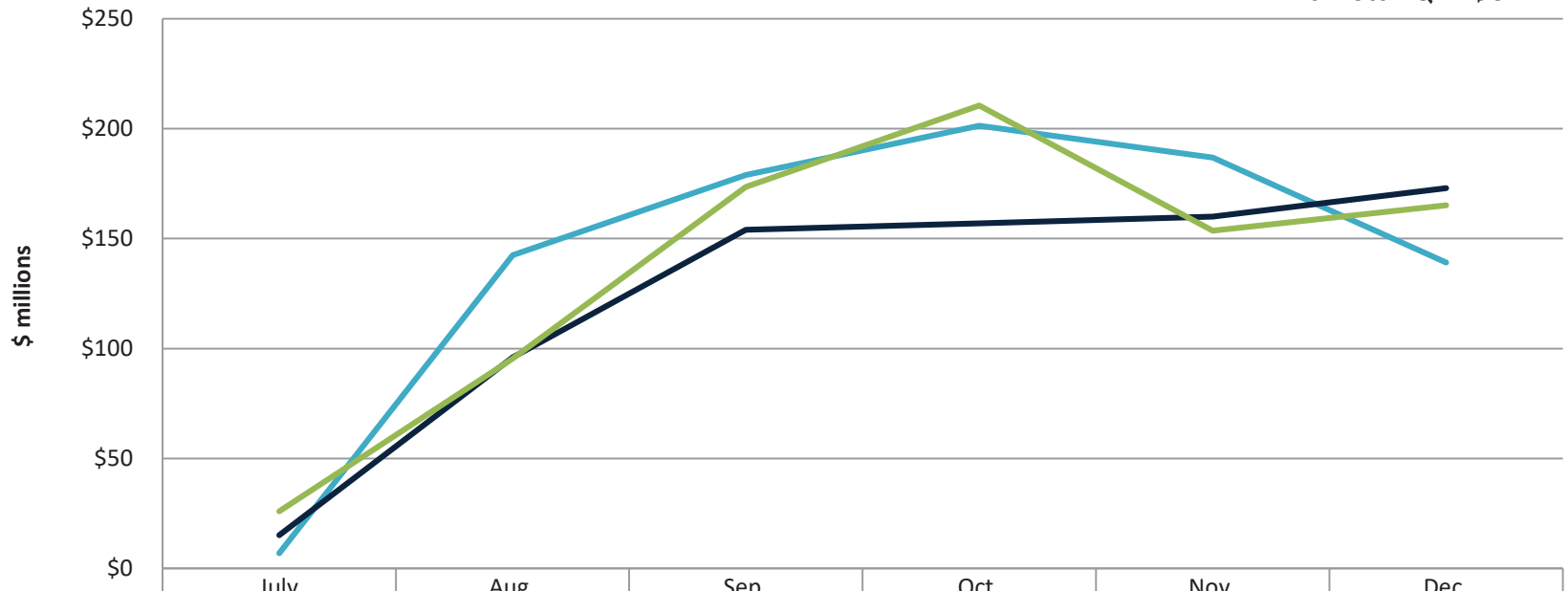
- As of December 31, 2019, MassDOT divisions have spent 40% of the approved CIP; this spending is trending higher than last year's (+$70m) as DOT divisions execute their capital plans.
- Annual spending for MassDOT is projected at 99% of the CIP, however, year over year MassDOT's heaviest spending occurs in (Q3) late spring and (Q4) through the end of fiscal year.

Q2 HISTORICAL COMPARISONS (all sources) FY18-FY20					
MASSDOT DIVISION	FY20 CIP	FY20 (Q2)	FY19 (Q2)	FY18 (Q2)	FY20 Q2 vs CIP %
Aeronautics	49,616,842	16,828,037	22,400,000	18,650,000	34%
Highway	1,276,649,635	529,464,392	544,988,555	668,700,000	41%
Chapter 90	200,000,000	82,216,637	70,132,798	76,800,000	41%
OTP	204,727,503	134,092,756	49,965,222	29,574,175	65%
Information Technology	21,000,000	3,899,319	3,489,748	3,480,000	19%
Rail	66,900,110	44,348,278	43,868,903	26,450,000	66%
Transit	30,650,077	1,027,543	11,139,164	16,000,000	3%
RMV/ATLAS	31,575,000	12,733,284	9,435,040	15,600,000	40%
TOTAL MASSDOT	**1,881,119,167**	**824,610,246**	**755,419,430**	**855,254,175**	**40%**

MassDOT Capital Spending Historical Comparisons

- *FY18 Total Q2 : $855M*
- *FY19 Total Q2 : $755M*
- *FY20 Total Q2: $824M*

FY18 – FY20
Capital Spending thru Q2



	July	Aug.	Sep.	Oct.	Nov.	Dec.
FY 18 Actual	$7	$143	$179	$201	$187	$139
FY19 Actual	$15	$96	$154	$157	$160	$173
FY20 Actual	$26	$95	$174	$211	$154	$165

Highway

FY20
Highway Division
Capital Spending Report

FY20 Q2 Highway Capital Spending – 97% of Plan

- Highway Division, the largest of all MassDOT divisions, makes up 78**%** of the total MassDOT CIP for FY20 and is projected to spend 97% (will increase to 99% when you factor in Chapter 90 Program spend) of the FY2020 capital plan to design, construct, maintain and operate the state's highways, bridges and tunnels to ensure safe and efficient travel across the state.
- Highway Division is on track to award (NTP) approximately $1.024 Billion for hundreds of projects that will deliver a robust pipeline of projects for transportation improvements across the Commonwealth programs such as Roadway Improvements, Highway Reconstruction, Bridge and Deck Repairs, etc. Within the Advertising Program, Highway is expected to advertise more than $1.5 Billion in projects this fiscal year.

    - Mega - Project Spending in FY20 include:
        - Chelsea Viaduct ($102.9m)
        - North Washington Street Bridge ($34.4m)
        - I-495 Bridge over the Merrimack River in Haverhill ($26.7m)
        - Bridge Projects ($18.3m)
        - Route 18 Bridge Repair and Roadway Reconstruction ($12.8m)
        - Tobin Bridge Structural Repairs and Deck Painting ($12.7m)

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FY20 Highway CIP vs Projections- All Sources

Overall, Highway expenditure projections for construction are almost $100 million higher than last year's total spend. For Q2, capital activities achieved 41% of the total budget and as construction trends indicate, spending will accelerate through Q3 and Q4.

FY20 HIGHWAY CIP vs Projections			
	FY20 CIP	FY20 PROJECTIONS	Projections vs CIP
Highway	1,276,649,635	1,243,140,741	97%
Chapter 90	200,000,000	220,000,000	
	1,476,649,635	1,463,140,741	99%

Municipal Partnerships/Local Aid

CHAPTER 90
COMPLETE STREETS
MUNICIPAL BRIDGE

CHAPTER 90, Complete Streets and Municipal Bridge Program

- In addition to the $200 million approved in the FY20 CIP, **Chapter 90 Program** received additional support of $20 million that was awarded to the municipalities of the Commonwealth. Of the $220 million, cities and towns are expected to seek reimbursement of 100% for municipal capital improvements
- **Complete Streets**, launched in 2016 with a total program value of $50 million, has awarded 296 technical assistance grants for $44.3 million to provide safe and accessible options for all travel modes-walking, biking, transit and motor vehicles. This year, we expect to spend 100% of the approved capital plan
- **Municipal Bridge**, established in 2016,also has 100% projection for spending in FY20. This $50 million programs reimburses cities and towns for replacing and/or preserving small bridges with a grant of up to $500,000. To date, there have been 94 awards with a total of $42.7 million.

FY20 MUNICIPAL PARTNERSHIPS/LOCAL AID			
LOCAL AID PROGRAMS	FY20 CIP	ADDITIONAL CHAPTER 90 SUPPORT	FY20 PROJECTIONS
CHAPTER 90	200,000,000	20,000,000	220,000,000
COMPLETE STREETS	11,500,000	-	11,500,000
MUNICIPAL BRIDGE	12,500,000	-	12,500,000

Questions?